BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Foundation Diploma in Agriculture Pearson BTEC International Level 3 Diploma in Agriculture Pearson BTEC International Level 3 Extended Diploma in Agriculture
Unit number and title	Unit 14: International Dairy Production
Learning aim(s)	**A:** Investigate dairy production systems and dairy cow welfare
Assignment title	**Dairy production systems and the production cycle**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You have been working as a farm hand at a well-established dairy farm for some time, the manager plans to expand the business and open a visitor centre alongside the dairy farm to educate the public about dairy production. Your manager has asked you to produce posters to display on the walls, and leaflets to distribute to support this new business venture.
Task 1	You need to produce materials to be used to enhance the visitor experience and educate them about dairy farming. The materials you must produce are: posters for display, leaflets for visitors to take home, and presentation materials for visitor talks and educational sessions. You need to: • carry out an evaluation of one production system used for dairy cows, explain the system and analyse the welfare implications of the system and present you work in the form of slides for a presentation • carry out an evaluation of the reproductive cycle in the dairy cow, and produce a poster that explains the reproductive cycle, using text and diagrams • produce a leaflet that include details of how the production system affects the productivity of a dairy cow • include details of how the welfare implications of the dairy cow can be maintained through the production system, and suggest ways welfare can be improved.
Checklist of evidence required	Presentation slides Poster Leaflet

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Evaluate a dairy cow reproduction and production system and the implications for animal welfare and production.
A.M1	Analyse a dairy cow reproduction and production system and their impact on animal welfare and productivity.
A.P1	Explain reproduction in the dairy cow.
A.P2	Explain a dairy production system and the impact on animal welfare and productivity.

Sources of information to support you with this Assignment	**Books** Hocken, J & Hocken, (2019) *The Lean Dairy Farm: Eliminate waste, save time, cut costs – creating a more productive, profitable and higher quality farm*, Wiley-Blackwell, ISBN 978 0730368410 Klaus, A (2015) *Dairy farming: The beautiful way*, Createspace independent publishing platform, ISBN 978 1502490773 Engle, T, Klingborg, J et al (2018) *The welfare of cattle*, CRC press, ISBN 978 1138197060 **Journals/Magazines** Dairy Farmer Magazine Farmers Weekly **Website** Nfuonline.com